

# List of Plants

## C GERANIOL

Chemid  
GERANIOL

### Dosage

LD50=3,600 mg/kg (orl rat) Zebovitz, T. C. Ed. 1989. Part VII. Flavor and Fragrance Substances, in Keith L. H. and Walters, D.B., eds. Compendium of Safety Data Sheets for Research and Industrial Chemicals. VCH Publishers, New York. 3560-4253.

LD100=300 ug/ml

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Plant Part	Low PPM	High PPM	StdDev	*Reference
Acacia farnesiana	Flower	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Aeolanthus myriantha	Flower	--	--		Wealth of India.
Aesculus hippocastanum	Flower Essent. Oil	--	4000.0		Jim Duke's personal files.
Allium sativum var. sativum	Bulb	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Aloysia citrodora	Plant	5.0	420.0	-0.38	*
Anethum graveolens	Seed	24.0	154.0	-1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Anethum graveolens	Fruit	24.0	154.0	0.33	*
Aniba rosaeodora	Essential Oil	--	--		*
Artemisia dracunculus	Shoot	--	--		*
Artemisia dracunculus	Shoot Essent. Oil	--	--		*
Artemisia annua	Plant	--	--		Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY,NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
Asarum canadense	Rhizome	--	--		*
Asimina triloba	Fruit	--	1.305	-0.6	*
Boswellia serrata	Essential Oil	--	8000.0	-0.59	*
Boswellia serrata	Resin, Exudate, Sap	--	1280.0		Sabinsa: A series of well documented proprietary PR booklets, e.g.Sabinsa Corps. 1998. Bronchial Asthma - Its etiology and control with traditional herbal extracts. Sabinsa Corporation. Piscataway, NJ. 49 pp.
Bursera delpechiana	Wood	250.0	1200.0		*
Camellia sinensis	Shoot	800.0	1200.0	0.24	*
Camellia sinensis	Leaf	2.0	2546.0	0.95	*
Camellia sinensis	Leaf Essent. Oil	31600.0	254600.0	1.48	*
Cananga odorata	Flower	--	--		*
Centella asiatica	Shoot	--	--		Jim Duke's personal files.
Chenopodium	Plant	--	--		*

<i>Cinnamomum verum</i>	Bark	6.0	24.0	1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Cinnamomum verum</i>	Leaf Essent. Oil	--	--		*
<i>Cinnamomum verum</i>	Stem Bark	--	--		*
<i>Cinnamomum camphora</i>	Leaf	--	--		*
<i>Cinnamomum verum</i>	Root Bark	--	--		*
<i>Cistus ladaniferus</i>	Leaf	17.0	1190.0	0.32	*
<i>Citrullus lanatus</i>	Fruit Juice	--	--		*
<i>Citrus limon</i>	Essential Oil	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Citrus paradisi</i>	Plant	--	--		*
<i>Citrus limon</i>	Petiole	--	80.0		*
<i>Citrus aurantium</i>	Plant	--	--		*
<i>Citrus reticulata</i>	Essential Oil	--	--		*
<i>Citrus limon</i>	Pericarp	--	--		Jim Duke's personal files.
<i>Citrus aurantium</i>	Leaf	200.0	350.0	-0.07	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Citrus sinensis</i>	Fruit	0.7	1.0	-0.61	*
<i>Citrus paradisi</i>	Pericarp	--	2.0		*
<i>Citrus limon</i>	Leaf Essent. Oil	13000.0	60200.0	-0.63	Jim Duke's personal files.
<i>Citrus reticulata</i>	Fruit	--	0.1	-0.61	*
<i>Coriandrum sativum</i>	Seed Essent. Oil	6720.0	69700.0	0.11	*
<i>Coriandrum sativum</i>	Fruit	34.0	442.0	2.1	*
<i>Coriandrum sativum</i>	Essential Oil	--	--		*
<i>Crocus sativus</i>	Silk Stigma Style	--	--		*
<i>Cymbopogon parkeri</i>	Plant	2968.0	7474.0	0.83	Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
<i>Cymbopogon flexuosus</i>	Plant	875.0	2500.0	-0.02	Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
<i>Cymbopogon nardus</i>	Plant	600.0	4794.0	0.37	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Cymbopogon citratus</i>	Plant	10.0	36.0	-0.44	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Cymbopogon winterianus</i>	Plant	1064.0	3150.0	0.09	Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Cymbopogon martinii</i>	Plant	750.0	4750.0	0.37	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Daucus carota</i>	Seed	10.0	8120.0	1.0	*
<i>Daucus carota</i>	Root	10.0	8120.0	1.0	*
<i>Elettaria cardamomum</i>	Fruit Essent. Oil	--	12000.0		*
<i>Elettaria cardamomum</i>	Plant	49.0	140.0	-0.43	*
<i>Elettaria cardamomum</i>	Seed Essent. Oil	--	5000.0	-1.28	*
<i>Elsholtzia nipponica</i>	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)

<i>polystachya</i>					Vostrowsky,O. 1992. Chemical Varieties of Essential Oils from <i>Elsholtzia polystachya</i> from Two Different Locations in India. <i>Planta Medica</i> 58: 376-379.
<i>Elsholtzia blanda</i>	Shoot	--	49.0	-0.48	Bestman, H.J., Rauscher, J., Vostrowsky O., Pant, A.K., Dev, V., Perihar, R. and Mathela, C.S. 1992. Constituents of the Essential Oil of <i>Elsholtzia blanda</i> Benth. (Labiatae). <i>J. Ess. Oils Res.</i> 4: 121-124
<i>Elsholtzia eriostachya</i>	Shoot	--	11.0	-0.5	Pant, A.K., Dev, V., Parihar, R., Mathela,C.S., Rauscher, J., Vostrowsky, O. and Bestmann, H.J. 1992. The Essential Oil from <i>Elsholtzia eriostachya</i> var. <i>pusilla</i> . <i>J. Ess. Oil Res.</i> 4: 547-549.
<i>Elsholtzia polystachya</i>	Leaf	--	0.2	-0.23	Mathela,C.S., Melkani,A.B., Bisht,J.C., Pant,A.K., Bestmann,H.J., Erler,J., Kobold,U., Rauscher,J. and Vostrowsky,O. 1992. Chemical Varieties of Essential Oils from <i>Elsholtzia polystachya</i> from Two Different Locations in India. <i>Planta Medica</i> 58: 376-379.
<i>Elsholtzia densa</i>	Plant	--	--		Hegnauer, R. 1962-1997. <i>Chemotaxonomie der Pflanzen</i> , Bde 1-11. Birkhauser Verlag Basel, Boston, Berlin.
<i>Eucalyptus ceratocorys</i>	Leaf	--	11.0	-0.23	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> .Part I.Subgenus <i>Sympyomyrtus</i> ,Section Dumaria, Series Incrastatae.Flavour and Fragrance J.9(3):113-7
<i>Eucalyptus tetraptera</i>	Leaf	--	27.0	-0.22	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> .Part I.Subgenus <i>Sympyomyrtus</i> ,Section Dumaria, Series Incrastatae.Flavour and Fragrance J.9(3):113-7
<i>Eucalyptus angulosa</i>	Leaf	--	1.5	-0.23	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> .Part I.Subgenus <i>Sympyomyrtus</i> ,Section Dumaria, Series Incrastatae.Flavour and Fragrance J.9(3):113-7
<i>Eucalyptus leucoxylon</i>	Leaf	--	--	-0.23	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subjenus <i>Sympyomyrtus</i> , Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus viridis</i>	Leaf	--	--	-0.23	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subjenus <i>Sympyomyrtus</i> , Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus porosa</i>	Leaf	--	--	-0.23	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subjenus <i>Sympyomyrtus</i> , Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus behriana</i>	Leaf	--	--	-0.23	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subjenus <i>Sympyomyrtus</i> , Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus populnea</i>	Leaf	--	--	-0.23	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subjenus <i>Sympyomyrtus</i> , Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus erythrandra</i>	Leaf	--	7.0	-0.23	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> .Part I.Subgenus <i>Sympyomyrtus</i> ,Section Dumaria, Series Incrastatae.Flavour and Fragrance J.9(3):113-7
<i>Eucalyptus stoatei</i>	Leaf	--	13.0	-0.22	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> .Part I.Subgenus <i>Sympyomyrtus</i> ,Section Dumaria, Series Incrastatae.Flavour and Fragrance J.9(3):113-7
<i>Eucalyptus citriodora</i>	Leaf	250.0	1000.0	0.23	Guenther, E., <i>The Essential Oils</i> , 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Eucalyptus sparsa</i>	Leaf	--	--	-0.23	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subjenus <i>Sympyomyrtus</i> , Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus fasciculosa</i>	Leaf	--	--	-0.23	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subjenus <i>Sympyomyrtus</i> , Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus desquamata</i>	Leaf	--	--	-0.23	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subjenus <i>Sympyomyrtus</i> , Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus lansdowneana</i>	Leaf	--	--	-0.23	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subjenus <i>Sympyomyrtus</i> , Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus globulus</i>	Essential Oil	--	--		*
<i>Eucalyptus ochrophloia</i>	Leaf	--	--	-0.23	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subjenus <i>Sympyomyrtus</i> , Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus cuprea</i>	Leaf	--	--	-0.23	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subjenus <i>Sympyomyrtus</i> , Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus dolichorhyncha</i>	Leaf	--	6.0	-0.23	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> .Part I.Subgenus <i>Sympyomyrtus</i> ,Section Dumaria, Series Incrastatae.Flavour and Fragrance J.9(3):113-7
<i>Eucalyptus incassata</i>	Leaf	--	14.0	-0.22	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> .Part I.Subgenus <i>Sympyomyrtus</i> ,Section Dumaria, Series Incrastatae.Flavour and Fragrance J.9(3):113-7

<i>melanophloia</i>					and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus odorata</i>	Leaf	--	--	-0.23	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus intertexta</i>	Leaf	--	--	-0.23	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus largisparsa</i>	Leaf	--	--	-0.23	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus forrestiana</i>	Leaf	--	17.0	-0.22	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1994. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part I. Subgenus Sympyomyrtus, Section Dumaria, Series Incrassatae. Flavour and Fragrance J. 9(3):113-7
<i>Foeniculum vulgare</i>	Essential Oil	--	800.0	-0.67	Jim Duke's personal files.
<i>Glycyrrhiza glabra</i>	Root	--	--		*
<i>Glycyrrhiza glabra</i>	Rhizome Essent. Oil	--	--		*
<i>Hedeoima pulegioides</i>	Plant	--	--		*
<i>Houttuynia cordata</i>	Shoot Essent. Oil	--	--		*
<i>Houttuynia cordata</i>	Essential Oil	--	--		*
<i>Humulus lupulus</i>	Fruit	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Humulus lupulus</i>	Essential Oil	--	--		*
<i>Hyacinthus orientalis</i>	Flower	0.048	0.69	-0.52	*
<i>Hypericum perforatum</i>	Plant	4.0	72.0	-0.44	*
<i>Hyssopus officinalis</i>	Leaf	0.1	2.0	-0.23	Flavour and Fragrance Journal, 6: 72.
<i>Hyssopus officinalis</i>	Flower	0.5	6.0	-0.51	Flavour and Fragrance Journal, 6: 72.
<i>Iris x germanica</i>	Rhizome	--	--		*
<i>Jasminum officinale</i>	Flower	240.0	380.0	-0.43	*
<i>Juglans nigra</i>	Essential Oil	--	13000.0	-0.54	*
<i>Juniperus sabina</i>	Plant	--	--		*
<i>Lantana camara</i>	Leaf	--	--		*
<i>Laurus nobilis</i>	Leaf Essent. Oil	--	13000.0	-1.15	*
<i>Laurus nobilis</i>	Leaf	--	--		*
<i>Laurus nobilis</i>	Fruit	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lavandula angustifolia</i>	Flower	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lavandula x intermedia</i>	Plant	20.0	36.0	-0.44	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lavandula latifolia</i>	Plant	3.0	21.0	-0.45	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Levisticum officinale</i>	Root	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lippia alba</i>	Plant	--	--		Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
<i>Litsea glaucescens</i>	Shoot	2.0	3.0	-0.51	Tucker, et al, EB46(1):21-24.1992
<i>Lonicera japonica</i>	Flower	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Malus domestica</i>	Plant	--	--		*

<i>Matricaria recutita</i>	Plant	--	--		Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of <i>Glycyrrhiza-glabra</i> . Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
<i>Medicago sativa</i>	Leaf	--	--		*
<i>Melissa officinalis</i>	Shoot	1.0	65.0	-0.47	Deutsche Apot. Zitt. 129(4):155-163. W. Schulze et al. Die Melisse.
<i>Mentha spicata</i>	Leaf	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Mentha longifolia</i>	Shoot	1.0	115.0	-0.44	Fleisher, Z. and Fleisher, A. 1991. The Essential Oils from <i>Mentha longifolia</i> Growing in Sinai and Israel. J. Ess. Oil Res., 3: 57.
<i>Monarda fistulosa</i>	Plant	1.0	29450.0	4.61	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda didyma</i>	Leaf	14.0	25.0	-0.22	*
<i>Monarda didyma</i>	Flower	--	4.0	-0.51	Flavour and Fragrance Journal, 6: 80.
<i>Myristica fragrans</i>	Essential Oil	--	--		*
<i>Myristica fragrans</i>	Seed Essent. Oil	36000.0	119000.0	1.17	*
<i>Myristica fragrans</i>	Seed	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
<i>Myrtus communis</i>	Leaf	1.0	75.0	-0.2	*
<i>Myrtus communis</i>	Plant	1.0	2.0	-0.45	*
<i>Nepeta cataria</i>	Plant	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
<i>Nepeta cataria</i>	Essential Oil	--	255000.0	2.07	*
<i>Nepeta racemosa</i>	Shoot	--	70.0	-0.47	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of <i>Nepeta racemosa</i> Lam. J. Ess. Oil Res. 5: 215-7.
<i>Nepeta racemosa</i>	Shoot	--	70.0	-0.47	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of <i>Nepeta racemosa</i> Lam. J. Ess. Oil Res. 5: 215-7.
<i>Nepeta cataria</i>	Leaf	--	--		*
<i>Ocimum basilicum</i>	Essential Oil	--	100000.0	0.4	*
<i>Ocimum gratissimum</i>	Leaf	10335.0	13455.0	6.02	Charles, D.J. and Simon, J.E. 1992. A New Geraniol Chemotype of <i>Ocimum gratissimum</i> L. J. Ess. Oil Res. 4: 231-234.
<i>Ocimum canum</i>	Shoot	--	--		=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
<i>Ocimum gratissimum</i>	Flower	11010.0	14245.0	2.52	Charles, D.J. and Simon, J.E. 1992. A New Geraniol Chemotype of <i>Ocimum gratissimum</i> L. J. Ess. Oil Res. 4: 231-234.
<i>Ocimum basilicum</i>	Plant	--	3.0	-0.45	Die Nahrung. Pino, J., Rosado, A., Goire, I., Roncal, E., and Garcia, I. 1993. Analysis of the Essential Oil from Cuban Basil. Die Nahrung 37:(5): 501-504.
<i>Ocimum basilicum</i>	Shoot Essent. Oil	1100.0	3900.0		*
<i>Ocimum basilicum</i>	Plant	1.0	1000.0	-0.28	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Origanum vulgare</i>	Plant	--	0.5	-0.45	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
<i>Origanum syriacum</i>	Shoot	--	65.0	-0.47	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
<i>Origanum majorana</i>	Plant	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Origanum vulgare</i>	Plant	--	1.5	-0.45	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
<i>Origanum syriacum</i>	Shoot	--	65.0	-0.47	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
<i>Origanum vulgare</i>	Plant	--	2.5	-0.45	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
<i>Origanum syriacum</i>	Shoot	--	--	-0.51	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
<i>Origanum majorana</i>	Essential Oil	--	--	-0.68	*
<i>Origanum onites</i>	Shoot	--	48.0	-0.48	Biondi, D., Cianci, P., Geraci, C. and Roberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. Flav. & Frag. J. 8: 331-7.
<i>Origanum vulgare</i>	Plant	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

roseum					
Pelargonium graveolens	Plant	2.0	1400.0	-0.21	*
Petroselinum crispum	Leaf	--	1.26	-0.23	*
Peumus boldus	Leaf	14.0	30.0	-0.22	*
Pimenta racemosa	Leaf	--	560.0	0.03	*
Plumeria acutifolia	Flower	--	--		*
Polianthes tuberosa	Flower	--	--		*
Prunus dulcis	Flower	--	--		*
Prunus armeniaca	Essential Oil	--	--		*
Pycnanthemum pycnanthemoides	Shoot	1911.0	2842.0	1.27	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum virginianum	Shoot	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ravensara aromatica	Bark	--	22.0	-1.0	*
Ribes nigrum	Leaf	--	12.0	-0.22	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ribes nigrum	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Rosa gallica	Flower	100.0	275.0	-0.46	*
Rosa damascena	Essential Oil	--	--		*
Rosa centifolia	Essential Oil	--	--		*
Rosmarinus officinalis	Plant	50.0	370.0	-0.39	J. Ethnopharmacology, 39: 167.
Rosmarinus officinalis	Shoot	--	0.5	-0.51	Tucker, A. O. and Maciarello, M. J. 1998. The essential oils of some rosemary cultivars. Flavor and Fragrance Journal, 1: 137-142. 1986.
Rosmarinus officinalis	Resin, Exudate, Sap	--	--		*
Rubus idaeus	Fruit	--	--		*
Salvia officinalis	Plant	--	--		Stitt, Paul. Why George should eat broccoli.
Salvia dorisiana	Shoot	--	--	-0.51	Tucker, A.O. & Maciarello, MJ. 1994. The Essential Oil of Salvia dorisiana Standley. J. Ess. Oil Res. 6: 97-8.
Salvia sclarea	Plant	22.0	735.0	-0.32	Flavour and Fragrance Journal, 6: 154.
Santalum album	Wood	--	--		*
Satureja hortensis	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Satureja obovata	Leaf	--	--		Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. Phytochemistry 35(1): 83.
Satureja obovata	Leaf	--	0.01	-0.23	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. Phytochemistry 35(1): 83.
Satureja obovata	Leaf	--	--		Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. Phytochemistry 35(1): 83.
Satureja montana	Plant	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Satureja obovata	Shoot	1.0	315.0	-0.31	Fitoterapia No.60: 277.
Satureja obovata	Leaf	--	--		Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. Phytochemistry 35(1): 83.
Satureja cuneifolia	Shoot	--	115.0	-0.44	Tumen, G. 1991. The Volatile Constituents of Satureja cuneifolia. J. Ess. Oil Res., 3: 365-366.
Scutellaria parvula	Plant	--	1.0	-0.45	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Sideritis scardica	Shoot	--	245.0	-0.36	Menkovic, N., et al. 1991. The Essential Oil of Sideritis scardica. Pl. Med. 57. Suppl. 2. pp. A137-A132.
Skimmia arborescens	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Solanum tuberosum	Plant	--	--		*

cayennensis					
<i>Stevia rebaudiana</i>	Leaf	--	9.0	-0.23	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
<i>Stevia rebaudiana</i>	Plant	--	20.0	-0.45	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
<i>Tagetes minuta</i>	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Tamarindus indica</i>	Essential Oil	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
<i>Telosma cordata</i>	Flower	--	4439.0	0.43	K. Furukawa, T. Arai, S. Hashimoto, (1993); Volatile components of <i>Telosma cordata</i> Merrill flowers, Flavour Fragr. J., Vol 8, 221-223.
<i>Thymus longicaulis</i>	Shoot	--	--	-0.51	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of <i>Thymus longicaulis</i> C. Presl subsp. <i>longicaulis</i> in the same Population. J. Ess. Oil Res. 5: 291-5.
<i>Thymus funkii</i>	Shoot	--	8.0	-0.5	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of <i>Thymus funkii</i> Cousson. Flav. & Fragr. J. 10(6): 379-383.
<i>Thymus vulgaris</i>	Plant	--	10660.0	1.38	*
<i>Thymus zygis</i>	Shoot	--	2350.0	0.96	De Cunha, A.P. and Salguiero, L.R. 1991. The Chemical Polymorphism of <i>Thymus zygis</i> ssp. <i>sylvestris</i> from Central Portugal. J. Ess. Oil Res. 3: 409-12.
<i>Thymus capitatus</i>	Shoot	--	--	-0.51	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. Flav. & Fragr. J. 8: 331-7.
<i>Thymus longicaulis</i>	Shoot	--	5500.0	2.94	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of <i>Thymus longicaulis</i> C. Presl subsp. <i>longicaulis</i> in the same Population. J. Ess. Oil Res. 5: 291-5.
<i>Thymus capitatus</i>	Plant	--	40.0	-0.44	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Thymus x citriodorus</i>	Plant	--	6130.0	0.6	Stahl-Biskup, E. and Holthuijzen, J. 1995. Essential oil and glycosidally bound volatiles of lemon-scented thyme, <i>Thymus x citriodorus</i> (Pers.) Schreb. Flav. & Fragr. J. 10: 225-229.
<i>Thymus serpyllum</i>	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Thymus longicaulis</i>	Shoot	--	5500.0	2.94	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of <i>Thymus longicaulis</i> C. Presl subsp. <i>longicaulis</i> in the same Population. J. Ess. Oil Res. 5: 291-5.
<i>Thymus vulgaris</i>	Essential Oil	--	--		*
<i>Thymus funkii</i>	Shoot	--	8.0	-0.5	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of <i>Thymus funkii</i> Cousson. Flav. & Fragr. J. 10(6): 379-383.
<i>Thymus zygis</i>	Shoot	--	14.0	-0.5	Jimenez, J., Navarro, M.C., Montilla, M.P., Martin, A. and Martinez, A. 1993. <i>Thymus zygis</i> Oil: Its Effects on CCl4-Induced Hepatotoxicity and Free Radical Scavenger Activity. JE05: 153-8.
<i>Thymus mastichina</i>	Plant	--	20.0	-0.45	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Tilia sp.</i>	Flower	--	--		*
<i>Trifolium pratense</i>	Flower	--	3.0	-0.52	Buchnauer,G.,Jirovetz,L.,Nikiforov,A.1996.Comparative Investigation of Essential Clover Flower Oils from Austria Using Gas Chromatography-Flame Ionization Detection, Gas Chromatography-Mass Spectrometry, and Gas Chrom.-Olfactometry.J.Agrc.Food Chem.44:1827-8
<i>Umbellularia californica</i>	Plant	10.0	40.0	-0.44	*
<i>Vaccinium corymbosum</i>	Fruit	0.01	0.03	-0.61	*
<i>Vaccinium myrtillus</i>	Fruit Juice	--	--		*
<i>Valeriana officinalis</i>	Root	1.0	120.0	-1.0	Father Nature's Farmacy: The aggregate of all these three-letter citations.
<i>Vitis vinifera</i>	Fruit	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Vitis vinifera</i>	Leaf Essent. Oil	--	145200.0	0.29	*
<i>Zanthoxylum alatum</i>	Fruit	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Zea mays</i>	Silk Stigma Style	--	--		*
<i>Zingiber officinale</i>	Rhizome Essent. Oil	--	6900.0		*
<i>Zingiber officinale</i>	Rhizome	2.0	345.0		*